

# ABSTRACT OF THE DISCLOSURE

A method and apparatus for controlling the  
idle speed of a hybrid electric vehicle drive system  
5 or transaxle (10) including an internal combustion  
engine (12), a generator/motor (14) which is coupled  
to engine (12) by use of a planetary gear set (20),  
and an electric motor (16). Drive system (10)  
includes a brake or clutch assembly (34) which is  
10 operatively and selectively coupled to a  
generator/motor (14) and is effective to supplement  
the generator-produced reaction torque, thereby  
cooperating with the generator/motor (14) to control  
the idle speed of engine (12) in a wide variety of  
15 engine operating conditions.